

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11203308
 PUBLICATION DATE : 30-07-99

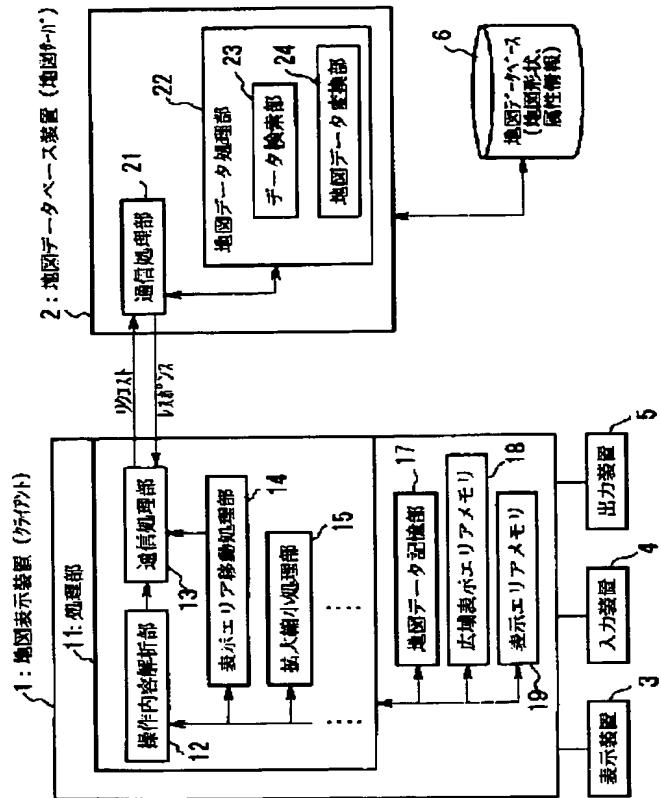
APPLICATION DATE : 13-01-98
 APPLICATION NUMBER : 10005052

APPLICANT : NTT COMMUNICATION WARE KK;

INVENTOR : FUJIMOTO KENJI;

INT.CL. : G06F 17/30 G06T 1/00 G09B 29/00

TITLE : MAP DISPLAY DEVICE, MAP DATA
 BASE DEVICE, MAP DISPLAY
 METHOD AND RECORDING MEDIUM
 FOR RECORDING MAP DISPLAY
 PROGRAM



ABSTRACT : PROBLEM TO BE SOLVED: To suppress necessary memory amounts, and to attain high speed display.

SOLUTION: A map display device 1 for obtaining map data from a map data base device 2 through communication as necessary, and displaying a map is provided with a processing part 11 for obtaining and displaying map data. When the movement of a display area is within the area of the map data stored in a wide display area memory 18, a display area movement processing part 14 being a function in this processing part 11 operates the movement processing of the display area by using the map data stored in the memory. On the other hand, when the movement of the display area is beyond the area of map data stored in the wide display area memory 18, and within the area of map data stored in the map data storage part 17, the map data of an area capable of incorporating the display area are stored in the wide display area memory 18 from the map data stored in the map data storing part 17, and the movement processing of the display area is operated.

COPYRIGHT: (C)1999,JPO

REST AVAILABLE COPY